

METHODS AND APPARATUS FOR TILEABLE SENSOR ARRAY

ABSTRACT OF THE DISCLOSURE

A detector array kit that includes at least one sensor array. The sensor array has an active side at least one sensor on the flat active side configured to detect a particular form of energy. The sensor array active side has a positioning structure on the active side that is essentially transparent to the particular form of energy. The positioning structure includes a plurality of spaced compressible posts or tubes configured to compressively and frictionally engage with a complementary mounting structure. The detector kit further includes a complementary mounting structure essentially transparent to the particular form of energy.